



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

647.1613

Job Sheet 181356



Part No: 647.1613

Job Qty: 40 ea

Part Name: Doubler



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 7/26/18

Job Tracking No:

Due Date: 9/10/18

Created By: Marie Lajeunesse

Type: Stock

Description:

Note: DWG REV A SHEET 6 IPP REV:A 12.10.04 NEW ISSUE DD VERF:JFS IPP REV:B 13.09.03 now prime at
ATG DD VERF:JLM

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	40 Ea	9/10/18	9/10/18	0.00	0.00	Start Up Waterjet		SC 10/12/18
110	Waterjet	40 pcs	9/10/18	9/10/18	0.00	2.12	Waterjet1		SC 8/10/18
120	QC	40 pcs	9/10/18	9/10/18	0.00	0.00	QC2 Waterjet-1		SC 8/10/18
130	QC	40 pcs	9/10/18	9/10/18	0.00	0.00	QC8-1		AUG 24 2018 38
140	Brake NC	40 pcs	9/10/18	9/10/18	0.00	5.08	Brake NC 2		SEP 11 2018 68
150	QC	40 pcs	9/10/18	9/10/18	0.00	0.00	QC5		SEP 11 2018 68
160	Outsource	40 pcs	9/10/18	9/10/18			ATG001-VC		SEP 11 2018 68
170	Packaging	40 pcs	9/10/18	9/10/18	0.00	0.00	Packaging2		SEP 27 2018 68
180	QC	40 pcs	9/10/18	9/10/18	0.00	0.00	QC5		SEP 27 2018 68
210	Packaging	40 pcs	9/10/18	9/10/18	0.00	0.00	Packaging3-1		SEP 27 2018 68
220	QC21-SA	40 Ea	9/10/18	9/10/18	0.00	0.00	QC21		SEP 27 2018 68

Part Op 110 - 1-Cut as per Dwg Dwg Rev: A Prog Rev: A 2-Deburr if necessary

Descriptions: 140 - C'SINK HOLES AS PER DWG

160 - Issue P/O to ATG 1- Black Anodize as per Dwg, SEE NOTE #3 2- PRIME AS PER DWG, SEE NOTE #3 Certification of Conformity is required

210 - ***IDENTIFY AS PER APICAL MPP-120 BY STAMPING THE P# AND REV***

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
M2024T3S.050	2024-T3 .050 Sheet	1.9480 sf (.0487 ea)	90-Start up Operation	

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	M2024T3S.050	2	69	0

Part Specifications

Specifications could not be found.

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td></td> </tr> </table>				Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐							
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Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval																							
Description Work Order Deviation		Disposition		Completed By																							
Dart Aerospace Ltd. 1270 Aberdeen Street Hawkesbury, ON K6A 1K7 CANADA TEL.: 1 613 632-6200 Email: sales@dartaero.com www.dartaerospace.com Date: 08/24/18 Container No: S104748 Part: 647.1613 Job No: 181356 Serial No/Batch: S104748 Revision: _____ Inspector: _____ Exp Date: _____ Instructions: _____				Lead hand / Supervisor Approval Verification																							
				QC / QA Coordinator Approval																							
				<table style="width:100%; border: none;"> <tr> <td style="width: 30%; vertical-align: top;"> Environment Design Doc/Dat Equip/Toolin Handling/Pre Material Internal Transport Tribal Knowledge LOA Substation Past Expiry Date Misidentified </td> <td style="width: 30%; vertical-align: top;"> Improvement Process Improvement Manufacturing Process Past Due </td> <td style="width: 30%; vertical-align: top;"> Wave/Twist in Tube Marks/Chatter Cut Too Short Instructions Incomplete/Unclear Drill Holes OTHER : </td> </tr> </table>				Environment Design Doc/Dat Equip/Toolin Handling/Pre Material Internal Transport Tribal Knowledge LOA Substation Past Expiry Date Misidentified	Improvement Process Improvement Manufacturing Process Past Due	Wave/Twist in Tube Marks/Chatter Cut Too Short Instructions Incomplete/Unclear Drill Holes OTHER :	GORY <table style="width:100%; border: none;"> <tr> <td style="border: none;">☐ Power Loss/Surge</td> <td style="border: none;">☐ Positioned Wrong</td> </tr> <tr> <td style="border: none;">☐ Folio/Program</td> <td style="border: none;">☐ Outside Dimensions</td> </tr> <tr> <td style="border: none;">☐ Grain</td> <td style="border: none;">☐ Over/Under tolerance</td> </tr> <tr> <td style="border: none;">☐ Weld</td> <td style="border: none;">☐ Part Incorrect</td> </tr> <tr> <td style="border: none;">☐ Wrong Stock Pulled</td> <td style="border: none;">☐ Part Lost/Missing</td> </tr> <tr> <td style="border: none;">☐ Out of Sequence</td> <td style="border: none;">☐ Part Moved</td> </tr> <tr> <td style="border: none;">☐ Off-set</td> <td style="border: none;">☐ Drawing</td> </tr> <tr> <td style="border: none;">☐ Mislabeled</td> <td style="border: none;">☐ Finish</td> </tr> <tr> <td style="border: none;">☐ Fit/Function</td> <td style="border: none;">☐ Misread</td> </tr> <tr> <td style="border: none;">☐ Misaligned/off center</td> <td style="border: none;">☐ Turning Sequence</td> </tr> </table>	☐ Power Loss/Surge	☐ Positioned Wrong	☐ Folio/Program	☐ Outside Dimensions	☐ Grain	☐ Over/Under tolerance	☐ Weld	☐ Part Incorrect	☐ Wrong Stock Pulled	☐ Part Lost/Missing	☐ Out of Sequence	☐ Part Moved	☐ Off-set	☐ Drawing	☐ Mislabeled	☐ Finish
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DQA:- _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation			Disposition		
			Completed By		
			Lead hand / Supervisor Approval Verification		
			QC / QA Coordinator Approval		
Root Cause		FAULT CATEGORY			
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐
Past Expiry Date ☐	Manufacturing Process ☐	OTHER :			
Misidentified ☐	Past Due ☐				



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER **PO040983**

Supplier: ATG001-VC
A.T.G. Industries Inc
731 INDUSTRIELLE ROAD
ROCKLAND
ON
K4K 1T2 Canada
Phone: 613-446-4544
Fax: 613-446-4556

PO No: PO040983

PO Date: 9/11/18

Due Date: 10/5/18

Purchase Order

Revision:

Revision Date:

Ship-To Contact: Tsimiklis, ChrisoulaPhone:

Attention: Lalande, Marc-Andre

Via: Ground

Pymt Terms: Net 30

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Freight Terms:

Special Comments:

Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	178084	D4842-4	Lower Cutter Body, RH Issue P/O to ATG :	Firmed	-	10/5/18	6 pcs	0 pcs	6 pcs	\$11.10/pcs	\$66.60
					6 X	SEP 27 2018					
2	178085	D4842-3	Lower Cutter Body, LH Issue P/O to ATG : 1- Black Anodize as per Dwg D4842	Firmed	-	10/5/18	6 pcs	0 pcs	6 pcs	\$11.10/pcs	\$66.60
					6 X	SEP 27 2018					
3	182247	647.7912	Clip ISSUE P/O: Hard Anodize, Color Black and Prime As Per Dwg. 647.7900	Firmed	-	10/5/18	56 pcs	0 pcs	56 pcs	\$10.45/pcs	\$585.20
4	181356	647.1613	Doubler Issue P/O to ATG : 1- Black Anodize as per Dwg, SEE NOTE #3 2- PRIME AS PER DWG, SEE NOTE #3 Certification of Conformity is required	Firmed	-	10/5/18	40 pcs	0 pcs	40 pcs	\$8.75/pcs	\$350.00
					40 X	SEP 27 2018					
5	181374	647.7918	Bracket ISSUE P/O: HARD ANODIZE, COLOR BLACK AS PER DWG. (SEE NOTE 2)	Firmed	-	10/5/18	30 pcs	0 pcs	30 pcs	\$11.75/pcs	\$352.50
6	179154	646.3310	LH Half - Upper Cutter Assembly Issue P/O to ATG : 1- Black Anodize as per Dwg 646.3300	Firmed	-	10/5/18	16 pcs	0 pcs	16 pcs	\$18.95/pcs	\$303.20

9/17/2018

PURCHASE ORDER



Dart Aerospace Ltd.
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K6A 1K7
Canada

Tel (613) 632-5200 —

PURCHASE ORDER

PO040983

Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
7	179155	646.3311	RH Half - Upper Cutter Assembly Issue P/O to ATG :	Firmed	-	10/5/18	16 pcs	0 pcs	16 pcs	\$18.95/pcs	\$303.20
8	178573	RBT400213-1	Tab Bender Body -Issue P/O to ATG : PO -ANODIZE COLOR RED, PER IAW MIL-A-8625 TYPE-2 CLASS-2, Water sealant -Certificate of Conformity is required	Firmed	-	10/5/18	12 pcs	0 pcs	12 pcs	\$13.35/pcs	\$160.20

12 X

SEP 20 2018

Grand Total: \$2,187.50

Order Notes

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 9/17/18 10:13 AM dart.tsimiklis.chrisoula



A.T.G. Industries Inc.
731 Industrielle Street
Rockland, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 916129

Date: 26-Sep-18

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

Chrisoula Tsimiklis
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms		Ship Via	
		ATG Delivery	
Quantity	Description		
	Please reference this document's Pack List number on all correspondences regarding this shipment. If you have any questions, please contact us.		
✓ 6 ea	Part: D4842-4 ✓ Lower Cutter Body, RH Hard Black Anodize per MIL-A-8625F, Type III, Class 2, .0005-.0045" (.5 - 4.5mils). Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0001-.0002" (1 - 2 mils) per drawing. Job: 23732	Rev: B	PO: PO040983 ✓ Line: 1
✓ 6 ea	Part: D4842-3 ✓ Lower Cutter Body, LH Hard Black Anodize per MIL-A-8625F, Type III, Class 2, .0005-.0045" (.5 - 4.5mils). Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0001-.0002" (1 - 2 mils) per drawing. Job: 23733	Rev: B	PO: PO040983 ✓ Line: 2
✓ 40 ea	Part: 647.1613 ✓ Doubler Hard Black Anodize per MIL-A-8625F, Type III, Class 2, .0005-.0045" (.5 - 4.5mils). Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0006-.0009" (.6 - .9 mils) per drawing. Job: 23735	Rev: A	PO: PO040983 ✓ Line: 4
CERTIFICATE OF CONFORMANCE A.T.G Industries Inc. certifies that all items in this shipment conform to the requirements. Date: <u>26/09/2018</u> Certified Signature: <u>[Signature]</u> Receiver Signature: _____ A.T.G Industries Inc. is AS9100 Registered and Nadcap Chemical Processing Accredited. Note: This Packing Slip may contain parts that have been PLATED. Items that are plated may be subject to natural tarnishing and it is suggested that they be inspected within 24 hours of Made in Canada.			



A.T.G. Industries Inc.
731 Industrielle Street
Rockland, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 916129

Date: 26-Sep-18

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

Chrisoula Tsimiklis
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms		Ship Via
		ATG Delivery
Quantity	Description	
	receipt.	
Made in Canada.		